1st & Final Bill

Job number: 002-23-000019

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586712

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Sri. Akshay kumar. H.B. (Akshay constructions)

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:	Construction of CC road @ Harohalli village in chowdeshwari ward no-02 of yelahanka Sub-division					
	work order:	BBMP/EE/YNK.2/E-PMT-19/W.O/02/2023-24 dt-20-10-2023					
	Estimate cost:	Rs. 25.00 lakhs.					
	A/S No:	CE/YNK.2/AS/55/2022-23 dt-22-08-2022.					
	T/S No:	CE/YNK.2/TS/72/2022-23 dt-22-08-2022					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(01)	Earthwork excavation by manual means for drains, canals, waste weir draft approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils as per drawing and technical specifications, including setting out, shoring sheeting barricading caution lights, removal of stumps and other deleterious matter, excavated surface levelled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. Loading & unloading of stone boulder stone aggregates / sand / kanker / moorum. (Tipper 5.5 m3)						

M. A. R. 57 (Rule 116) No. E

Measurement Book

586713

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	pre-measurent recorded vide MB no -				5868	& page no -	586790
				ie Total	Qty	= 89.98 cum	
					@ 334/ cum	=	30,053-00
(02)	providing & laying in position plain cement concrete for levelling course for all works in foundations. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifting =>						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
→	cost of all materials quality, labour, usage charges of machineries, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement formwork shall be paid separately) mix 1:3:6 (M10) using 40mm nominal size graded crushed course aggregates -						
	pre-measurement Recorded vide MB no - 5868 & page no - 586791						
	ie Total Qty - 117.85 cum.						
	@ 6109.00/cum =						7,19,949.00

Varun. A.E

M. A. R. 57 (Rule 116) No. E

Measurement Book

586714

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(03)	Supplying, Fitting and placing un-coated TMT bar Reinforcement in Sub-structure Complete as per drawing and Technical Specifications. pre-measurement recorded vide MB no - 5868 & page no - 586793						
						ie total Qty.	1.59 tonne
						@ 101387.00/Tonne	= 1,57,150-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(04)	providing and laying in position Reinforced Cement Concrete for all sub-structures of building, Irrigation works, Sub-structure works of bridges, drain works & other parallel works from 0.50m to 3.50m height. The granite/trap/basalt crushed graded course aggregates laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts. Cost of all materials of quality confirming to the requirements of relevant IS Codes, labour, usage charges of machinery, curing and all other appurtenances, required to complete the work as per technical specification (The cost of steel reinforcement & Formwork to be paid separately) M-20 Design mix using 20mm nominal size graded crushed course aggregates						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586715

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	For RCC drain - Bottom						
	@ Akashvihara layout	01	30.00	0.90	0.15	= 4.05	
	1st main Road →	01	30.00	0.90	0.15	= 4.05	
	near Houseno - 299	01	21.80	0.90	0.15	= 2.94	
	Sidewalls →	02	30.00	0.15	0.60	= 5.40	
		02	30.00	0.15	0.60	= 5.40	
		02	21.80	0.15	0.60	= 3.92	
			Total		Qty	= 25.77 Cum	

CSFC Remarks
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yrk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			@ 6873.00		/cum	=	1,77,612.00
(05)	providing & fixing pre cast reinforced cement concrete covering slabs of 10cm thick made of M25 with OPC cement @ 310kgs/cum with 20mm and down size graded granite metal coarse aggregates @ 0.74 cum and fine aggregates @ 0.70 cum with superplasticizer machine mixed, including providing and removing centering shuttering shoring propping etc. for edges of slabs with TMT steel (Fe500) cost of all materials labours, all lead and lift HOM of machinery, curing including cost of reinforcement etc complete as per directed by the Engineer in charge of the work.						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586716

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.. .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For RCC drain						
	@ Akashvihar layout	01 x	30.00 x	0.90	–	27.00	
	1st main Road House No-	01 x	30.00 x	0.90	–	27.00	
	299	01 x	21.80 x	0.90	–	19.62	
	missing Covering Slab @	14 x	0.60 x	0.90	–	7.56	
	Existing drain	12 x	0.60 x	0.90	–	6.48	
		8 x	0.60 x	0.90	–	4.32	
		4 x	0.60 x	0.90	–	2.16	
		6 x	0.60 x	0.90	–	3.24	
		5 x	0.60 x	0.90	–	2.70	

Certified

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zone)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
			Total Qty			100.08 Sqm	
					@	2072.00/Sqm	= 207,365.76
(06)	Earth work in surface Excavation by mechanical means for lowering & levelling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications including setting out, shoring, strutting barricading caution lights, removal of stumps and other deleterious matter including dressing of excavated surface disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a reaching of 50m & lift upto 1.5m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work						

M. A. R. 57 (Rule 116) No. E

Measurement Book

586717

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	pre-measurement recorded vide MB no - 5868 & page no - 586794						
			ie Total Qty - 201.94 Cum				
					@ 71.50/ Cum	=	14,438.00
(07)	providing & constructing un-reinforced plain cement concrete pavement thickness as per design over a prepared sub-base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Capacity and appropriate weight batches using approved mix design laid in approved fixed side formwork (Steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formworks as per drawing) spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in conditions operation including construction joints, primer lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges cost and conveyance of all materials, labour, equipments etc, complete as per the directions of the Engineer-in-charge of the work.						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

586718

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CC road @ 2nd cross ~~Prakruthi~~ Layout Harohalli KEB.	01 X	15.00	$\frac{(5.6+5.4)}{2}$	0.15	12.38	
		01 X	15.00	$\frac{(5.4+5.6)}{2}$	0.15	12.38	
		01 X	15.00	$\frac{(5.6+5.4)}{2}$	0.15	12.38	
		01 X	15.00	$\frac{(5.4+5.1)}{2}$	0.15	11.81	
		01 X	15.00	$\frac{(5.1+5.2)}{2}$	0.15	11.59	
		01 X	15.00	$\frac{(5.2+5.2)}{2}$	0.15	11.70	

CFC

Asst. Executive Engine
Yelahanka Sub. Divisio
(BBMP Yty. Zn)
Yelahanka, Bangalo

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		01 ×	15.00	$\frac{(5.2+5.3)}{2}$	0.15	11.81	
		01 ×	10.20	$\frac{(5.3+5.1)}{2}$	0.15	7.96	
		01 ×	16.00	$\frac{(5.1+5.2)}{2}$	0.15	12.36	
				Total Qty		104.35	
				@		7163.20/cum = 7,47,505-00	

(08) Cost of Haulage Excluding loading and unloading taking lead 10km = 100 t.km

Kalpana A.E

JE

Ramaprasad
Executive Engineer
Yelahanka
(BBMP)
Yelahanka

M. A. R. 57 (Rule 116) No. E
Measurement Book

586719

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty same as item no-01		82.98	X 1.28	—	115.17	
	Qty same as item no-06		201.94	x 2.10	—	424.06	
				Total Qty	=	539.24	t.km
				@	105.60	/t.km	= 56,944-00
				Sub-total	=		21,10,016-00
				18% GST	=		3,79,983.09
				Total	=		24,90,999-09

Ramanjaneyulu
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka

JE 23/11/23

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:						
	01) The above work is done satisfactorily and complete in all respect-						
	02) There is no department material issued for this work –						
	03) This works comes under BBMP limit						
	Ramanjanayal Asst. Executive Engineer Yelahanka Sub. Divisor (BBMP Ynk. Zn) Yelahanka, Bangalore					Nirmal 23/11/23	

M. A. R. 57 (Rule 116)
Measurement Book

No. E

586720

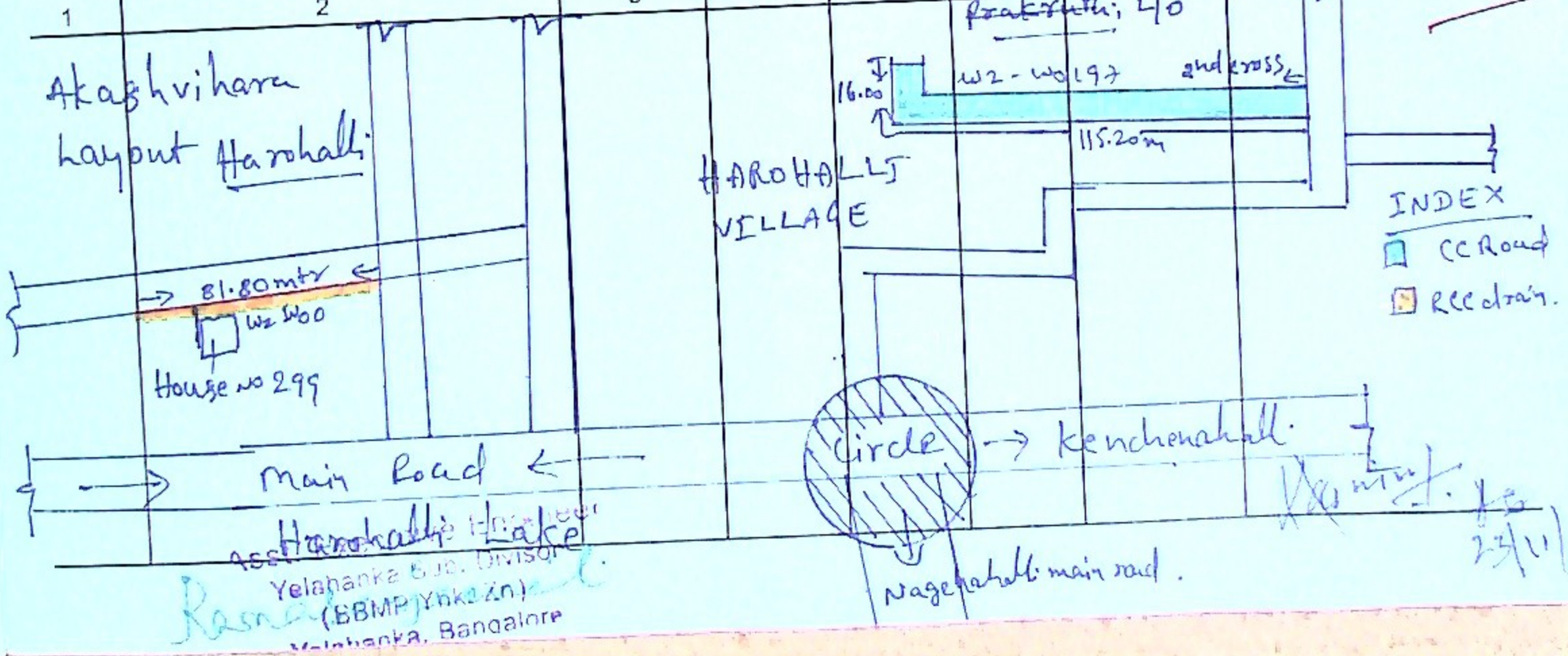
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					KCB. Prakruthi; 40		



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	1st and 2 Final bill	3	4	5	6	7	8
	Gross Amt =Rs 2490900=00 FSD =Rs — CGST = 21109=00 SGST = 21109=00 IT = 24909=00 LC = 24909=00 CBT = 2491=00 Royalty =T 40000=00 T.D. = 134527=00 Net Amt = Rs 2356373=00					Job code: 002-23-000019 SBR No: 39 Date: 24/11/23 Audited & Admitted for Rs. 2490900=00 2356373=00 by Cheque and Rs. 134527=00 by Adjusement Accts. Supdt yelahanka Division BBMP 29/11/23 Exe Engineer yelahanka Division BBMP	